# Mountain Weather Forecast

## Lake District National Park

Forecast valid from 00:00 on Monday 07 Dec 2020 until 23:59 on Tuesday 08 Dec 2020

Forecast Issued on Sunday 06 Dec 2020 at 07:40

**Confidence:** High for some brightness through Monday a period of heavy snow on Monday night. Confidence in details of the forecast decreases markedly through mid-week with some large changes possible.

**Headline for Monday 07 Dec 2020:** Plenty of hill fog but also some brightness. Cold with snowfall setting in much later.

**Mountain weather hazards on Monday 07 Dec 2020**

| | | |
|---|---|---|
| **Blizzards**<br>Low Likelihood | **Heavy Snow**<br>Low Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>Low Likelihood | **Severe chill effect**<br>Medium Likelihood | **Poor visibility**<br>Low Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 800m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Mist | Mist | Partly cloudy (night) | Sunny intervals | Sunny | Mist | Light snow | Heavy snow |
| Precipitation probability | | | | | | | |
| 00% | 00% | 00% | 00% | 00% | 00% | 50% | 90% |

**Forecast for Monday 07 Dec 2020**

**Weather:** Increasingly clear skies through the early hours. Aside from some low level mist and fog, it will be a fine, bright start to Monday with some sunshine through the day. Feeling increasingly cold in the strengthening northerly winds. Later in the evening, snowfall will set in (rain below around 400m) along with a risk of gales and blizzard conditions.

**Chance of cloud free mountain/hill tops above 800m:** 80% through the bulk of the day with only a few patches of cloud above 700m. Falling to 40% later in the afternoon as cloud builds, becoming extensive through evening above 600m.

**Visibility:** No issues until late in the afternoon when cloud thickens, this limiting visibility on highest ground markedly. This, along with existing snow cover may lead to white out conditions.

Check our weather forecast every day to get the most accurate and up to date information
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# Mountain Weather Forecast

**Forecast for Monday 07 Dec 2020**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **900** | 7/9 E | 7/10 E | 8/10 E | 14/17 NE | 18/22 NE | 19/24 N | 23/28 N | 27/34 NW | 31/40 NW |
| **600** | 7/10 E | 6/8 E | 6/8 E | 9/13 NE | 11/15 N | 14/20 N | 16/22 NW | 18/25 NW | 22/32 NW |
| **300** | 3/7 SE | 3/7 E | 3/6 NE | 4/11 NE | 5/13 N | 6/16 N | 7/19 NW | 8/22 NW | 10/27 NW |
| **Valley** | 3/7 SE | 3/6 NE | 5/7 NE | 6/12 NE | 7/15 N | 7/16 N | 8/19 N | 9/22 NW | 13/27 NW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **900** | -0/-4 | -1/-5 | -1/-5 | -2/-8 | -2/-8 | -2/-8 | -2/-10 | -2/-11 | -2/-11 |
| **600** | 1/-3 | 0/-3 | 0/-3 | -0/-5 | -0/-5 | 0/-5 | -0/-6 | -1/-7 | -1/-8 |
| **300** | -1/-3 | 0/-1 | 0/-1 | 1/-1 | 2/0 | 2/-1 | 1/-2 | 1/-2 | 1/-3 |
| **Valley** | 3/2 | 3/1 | 3/1 | 3/1 | 5/2 | 4/2 | 4/0 | 4/0 | 4/-0 |
| **Freezing Level*** | 700m | 700m | 600m | 600m | 700m | 700m | 700m | 600m | 600m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Feeling bitterly cold in the strengthening northerly wind. Be aware of deteriorating visibility later in the day.

**Forecast for Tuesday 08 Dec 2020**

**Weather:** Periods of heavy snow continuing through the early hours and first part of the morning (falling snow level rising from 400m to 800m), leaving a little patchy rain or summit snow through the rest of the day but plenty of dry weather and a gradual thaw of snow below 700m. Cloud cover will continue to be mostly extensive although some afternoon brightness is possible.

**Maximum wind:** Westerly 15-20mph, easing a little through the afternoon.

**Chance of cloud free mountain/hill tops above 800m:** 40% through afternoon as cloud tends to break, although to an uncertain extent. Otherwise closer to 20% with cloud rather extensive above 500m.

**Visibility:** Very variable with height, no issues at low levels but generally limited to a kilometre or so above the cloud base and often much less.

**Temperature:** **Valleys:** 4-6C.
**At 800m:** Around minus 1C.
**Freezing level:** 800-900m.

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# Mountain Weather Forecast

**Ground Conditions Supplement**
No recent ground conditions report available.

Issued at: 0740 on Sun 06 Dec 2020

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